

Ref. : VPE 4508-B04

Rev. : Initial

Date : 23/02/2017

Page : 1/1

# DOUBLE FLANGE TYPE BUTTERFLY VALVE TECLARGE FL WITH ELECTRIC ACTUATOR BERNARD

VPE 4508-B04



## APPLICATION

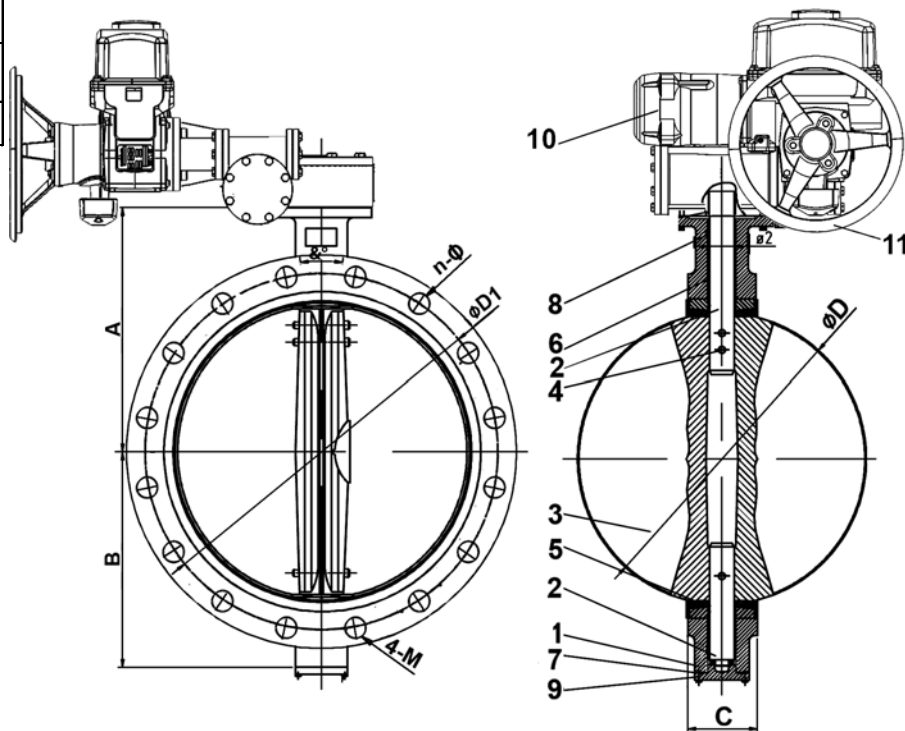
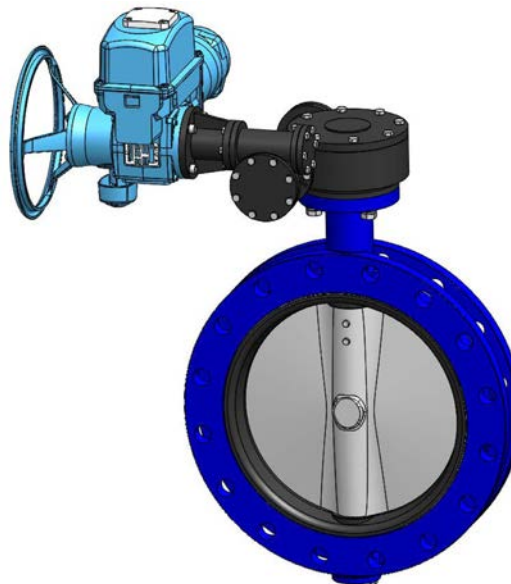
General use : water, sludge, etc.

## GENERAL CHARACTERISTICS

Design in accordance with NF EN 593.  
Tightness in both ways.  
Sleeve internally reinforced in aluminium giving a low torque.  
Self lubricant bearing in copper alloy.

## CONSTRUCTION

Pos.	Q-ty	Description	Material
11	1	Handwheel	
10	1	Electric actuator	BERNARD
9	1	Cover	Ductile iron
8		Bushing	Copper alloy
7	1	O ring	NBR
6		Bushing	Copper alloy
5	1	Sleeve	Heat EPDM
4		Pin	Stainless steel 410
3	1	Disc	Ductile iron EN-GJS400-15
2		Stem	Stainless steel 410
1	1	Body	Ductile iron EN-GJS400-15



## WORKING CONDITIONS

Maximum working pressure : 10 bar.  
Maximum working temperature : -15 °C / +130 °C.  
Peak temperature : -30°C / + 150°C

## STANDARDS

Manufacture according to the requirements of the European directive 2014/68/UE «Equipments under pressure» : modulate H.  
Pressure test according to standards EN 12266-1, DIN 3230, BS 5154 and ISO 5208 :

Body : 15 bar.  
Seat : 11 bar.

Face to face according to standard EN 558-1 serie 20, ISO 5752 serie 20 and DIN 3202.  
Flange type ISO PN10 connections according to standard EN 1092-2.

## DIMENSIONS

DN	A	B	C	ØD	Output flange		ØD1	n-ø	4-M	ε°	Actuator reference	Weight (kg)
					ISO 5211	ISO 5210						
350 14"	368	275	76,5	333,5	F14	F10	460	16-23	-	22,5	ASM6	108
400 16"	398	300	102	389,6	F14	F10	515	16-28	-	22,5	ASM6	142
450 18"	428	328	114	440,5	F14	F10	565	20-28	-	18	ASM6	168
500 20"	485	351	127	491,6	F14	F10	620	20-28	-	18	ASM6	174
600 24"	568	440	151	592,5	F16	F10	725	20-31	-	18	ASM6	305
700 28"	628	508	163	695	F25	F12	840	20-31	4-M27	15	ASM6	471
800 32"	672	530	188	794,7	F25	F12	950	20-34	4-M30	15	ASM10	585
900 36"	721	630	203	864,7	F25	F12	1050	24-34	4-M30	12,85	ASM10	785
1000 40"	802	692	216	965	F25	F12	1160	24-37	4-M33	12,85	ASM16	1014
1200 48"	948	844	276	1160,6	F30	F14	1380	28-41	4-M36	11,25	ASM16	1398

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